REMARKS

The present Amendment retains and shows all amendments made in Applicants' Amendment D that was informally presented to the Examiner on April 30, 2009 and Amendment E that was informally presented to the Examiner on May 1, 2009. In addition, the present amendment amends Claim 7 to remove the extraneous phrase "are electricity suppliers that". Claim 11 is amended to remove the extraneous phrase "for refining." Claim 11 is further amended to replace the term "petrochemical refinery" with "petroleum refinery", in order to exactly mirror language used in page 8, line 16 of the original specification. The preamble of Claim 21 is amended to clarify that instructions are stored and executed on a digital processing system. Claim 21 is further amended to remove the extraneous phrase "for processing." Claims 21, 25, and 26 are amended to replace the term "asphalt" with "heavy hydrocarbon", which is supported on page 8, line 17 of the original specification. Claim 28, whose elements have been incorporated into Claim 21, is cancelled. Changes presented in Amendment C submitted on February 20, 2009 are NOT shown in the present annotations (strike-throughs or underlining.)

If the proposed claims do not accurately follow the suggestions made by the Examiner to place the present claims in condition for allowance, then another telephone call to the undersigned at 512.306.0796 would be greatly appreciated.

Applicants now respectfully request a Notice of Allowance for all pending claims. No extension of time for this response is believed to be necessary. However, in the event an extension of time is required, that extension of time is hereby requested. Please charge any fee associated with an extension of time as well as any other fee necessary to further the prosecution of this application to IBM CORPORATION DEPOSIT ACCOUNT No. 09-0457.

Respectfully submitted,

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